

**Lou Silver, Inc.
Penobscot County
Newburgh, Maine
A-750-71-E-M**

**Departmental
Findings of Fact and Order
Air Emission License
Amendment #1**

After review of the air emissions license amendment application, staff investigation reports and other documents in the applicant's file in the Bureau of Air Quality, pursuant to 38 M.R.S.A., Section 344 and Section 590, the Department finds the following facts:

I. REGISTRATION

A. Introduction

1. Lou Silver, Inc. (LSI) of Newburgh, Maine was issued Air Emission License A-750-71-D-R on September 17, 2003, permitting the operation of emission sources associated with their crushed stone and gravel facility.
2. LSI has requested a minor revision to their license in order to more clearly define Generator #2.

B. Emission Equipment

LSI is licensed to operate the following equipment:

Electrical Generation Equipment

<u>Equipment</u>	<u>Power Output (kW)</u>	<u>Firing Rate (gal/hr)</u>	<u>Maximum Capacity (MMBtu/hr)</u>	<u>Fuel Type, % Sulfur</u>
Generator #2	≤ 600	≤ 42.7	≤5.85	diesel, 0.05%

C. Revision Description

LSI uses a rental generator (Generator #2) to power the facility's rock crushers. The exact size of the generator may change from year to year based on equipment availability. It is anticipated that the generator would never exceed 600 kW. Therefore, LSI has requested a minor revision to their air emission license to allow them to rent any available generator up to 600 kW to power the crushers. LSI has not requested any change in annual fuel limit. Therefore, there will be no change in licensed annual emissions.

D. Application Classification

This amendment will not increase emissions for any pollutant. Therefore, this modification is determined to be a minor revision and has been processed as such.

E. Annual Emission Restrictions

LSI shall be restricted to the following annual emissions, based on a 12 month rolling total:

Total Allowable Annual Emission for the Facility
(used to calculate the annual license fee)

	PM	PM ₁₀	SO ₂	NO _x	CO	VOC
Generator #2	0.5	0.5	0.2	18.1	3.9	1.5
Total TPY	0.5	0.5	0.2	18.1	3.9	1.5

ORDER

The Department hereby grants Air Emission License Minor Revision A-750-71-E-M subject to the conditions found in Air Emission License A-750-71-D-R and in addition to the following conditions:

The following shall replace Condition (16)(A) of Air Emission License A-750-71-D-R:

- A. LSI shall operate and maintain spray nozzles for particulate control on the Jaw and Roll rock crushers as necessary to limit visible emissions to no greater than 10% opacity on a six (6) minute block average basis. [MEDEP Chapter 101]

The following shall replace Condition (18) of Air Emission License A-750-71-D-R:

(18) Diesel Unit

- A. Generator #2 is a rental unit and may be replaced without additional permitting action. However, Generator #2 shall not exceed a capacity of 600 kW. [MEDEP Chapter 115]
- B. Total fuel use for Generator #2 shall not exceed 60,000 gal/yr of diesel fuel with a maximum sulfur content not to exceed 0.05% by weight. Compliance shall be based on fuel receipts from the supplier showing the quantity of fuel delivered

- and the percent sulfur of the fuel. Records of annual fuel use shall be kept on a 12-month rolling total basis. [MEDEP Chapter 115]
- C. Emissions shall not exceed the following [MEDEP Chapter 115]:

Equipment		PM	PM ₁₀	SO ₂	NO _x	CO	VOC
Generator #2	lb/MMBtu	0.12	-	-	-	-	-
	lb/hr	0.70	0.70	0.30	25.80	5.56	2.05

- D. Visible emissions from Generator #2 shall not exceed 20% opacity on a six (6) minute block average, except for no more than two (2) six (6) minute block averages in a continuous 3-hour period. [MEDEP Chapter 101]

The following are new Conditions:

- (25) This amendment shall expire concurrently with Air Emission License A-750-71-D-R.

DONE AND DATED IN AUGUSTA, MAINE THIS DAY OF 2003.

DEPARTMENT OF ENVIRONMENTAL PROTECTION

BY: _____
DAWN R. GALLAGHER, COMMISSIONER

PLEASE NOTE ATTACHED SHEET FOR GUIDANCE ON APPEAL PROCEDURES

Date of initial receipt of application: 10/24/03

Date of application acceptance: 10/27/03

Date filed with the Board of Environmental Protection: _____

This Order prepared by Lynn Ross, Bureau of Air Quality.